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Enumeration of the Heteroptera in Mt. Hikosan, Western Japan with Their Hosts and Preys I*

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Abstract. The bugs of the Heteroptera in Mt. Hikosan, Japan, are enumerated together with their host plants and preys confirmd by the author himself. First part treats 11 families including 83 species in 55 genera.

Key words: Heteroptera, list, Mt. Hikosan, hosts, preys.

The present list includes the collection of Heteroptera, which were collected in Mt. Hikosan, and preserved in the Hikosan Biological Laboratory, Kyushu University, together with the records by the previous authors. It also includes new records of hosts and preys. In the lists, double asterisks show the host plants or preys, which were newly recognized and recorded here, and triple asterisks show new records from Mt. Hikosan.

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I. Enicocepharidae	Jap. name: Kubinagakamemushi-ka
II. Nepidae	Jap. name: Taikouchi-ka
III. Ochteridae	Jap. name: Memizumushi-ka
IV. Notonectidae	Jap. name: Matsumomushi-ka
V. Saldidae	Jap. name: Mizugiwakamemushi-ka
VI. Miridae	Jap. name: Mekurakamemushi-ka
VII. Nabidae	Jap. name: Makibasashigame-ka
VIII. Anthocoridae	Jap. name: Hanakamemushi-ka
IX. Tingidae	Jap. name: Gunbaimushi-ka

* Contribution from the Hikosan Biological Laboratory, Faculty of Agriculture, Kyushu University, Hikosan (Ser. 4, No. 18).

X. Reduviidae Jap. name: Sashigame-ka
XI. Aradidae Jap. name: Hiratakamemushi-ka

I. ENICOCEPHALIDAE

Enicocephalinae

1. ***Hoplitocoris (Pseudenicocephalus) lewisi*** (Distant, 1883)
Jap. name: Hime-kubinaga-kamemushi

Spec. exam.: 1 ex., 2. vii. 1070, K. Takeno leg.; 61 exs., (A), 17:50-18:30 P. M. swarming, 4. vii. 1980, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu and Kyushu; Siberia and China.

Prey: Unknown.

2. Stenopirates japonicus (Esaki, 1935)
Jap. name: Kuro-kubi-naga-kamemushi

Spec. exam.: 1 ex., 25. vii. 1966, A. Taketani leg.

Gen.distr.: Honshu and Kyushu.

Prey: Unknown.

II. NEPIDAE

Ranatrinae

3. Ranatra chinensis Mayer, 1865
Jap. name: Mizu-kamakiri

Spec. exam.: 1 ex., 10. vii. 1948, A. Habu leg.

Gen. distr.: Hokkaido, Honshu, Shikoku, Kyushu and Okinawa Is.; E. Siberia, Russia (Far East), China, Korea, Formosa and Burma.

Prey: Unknown.

III. OCHTERIDAE

4. Ochterus marginatus Latreille, 1807***
Jap. name: Me-mizumushi

Spec. exam.: 3 exs., 1 nymph, 22. v. 1979, K. Takeno leg.; 28 exs., 24. v. 1979, K. Takeno leg.; 19 exs., 25. v. 1979, K. Takeno leg.

Gen. distr.: Honshu, Shikoku, Kyushu and Iriomote Is.; China, S. Europe, India and N. Australia.

Host?: Unknown.

IV. NOTONECTIDAE

Anisopinae

5. *Anisops ogasawarensis* Matsumura, 1915

Jap. name: Ko-matsumomushi

Spec. exam.: 1 ex., (A), light trap, 22. vii. 2997, K. Takeno leg.

Gen. distr.: Honshu, Shikoku and Kyushu; China, Korea and Formosa.

Prey: Unknown.

V. SALDIDAE

Saldinae

6. *Saldula saltatoria* (Linnaeus, 1758)

Jap. name: Mizugiwa-kamemushi

Spec. exam.: 1 ex., 2. v. 1937, K. Takeno leg.; 1 ex., 22. vi. 1966, K. Takeno leg.; 1 ex., 12. iv. 1969, K. Kanmiya leg.; 1 ex., 18. v. 1972, K. Takeno leg.; 10 exs., (A-M), (sweeping), 22. v. 1979, K. Takeno leg.; 13 exs., 24. v. 1979, K. Takeno leg.; 9 exs., 25. v. 1979, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu, Shikoku, Kyushu and Tsushima Is.; Holoarctic Region and Formosa.

Host?: [Homono-ka: Graminae] Suzumenoteppou: *Alopeculus aequalis* Sobol.**, Suzu-menokatabira: ***Poa annua*** Linnaeus**.

VI. MIRIDAE

Bryocorinae

7. Monalocoris filicis (Linnaeus, 1758)

Jap. name: Zu-aka-shida-mekuragame

Spec. exam.: 2 exs., 7. xi. 1938, K. Yasumatsu leg.; 1 ex., 21. vii. 1968, K. Kanmiya leg.; 1 ex., 1. viii. 1968, K. Kanmiya leg.; 1 ex., 25. viii. 1968, K. Kanmiya leg.; 7 exs., (G), 13. ix. 1972, K. Takeno leg.; 8 exs., (A), 25. i. 1978, K. Takeno leg.; 8 exs., (A), 25. iii. 1980, K. Takeno leg.; 1 ex., (A), light trap, 15. ix. 1980, K. Takeno leg.; 4 exs., (V), 17. ix. 1980, K. Takeno leg.; 2 exs., (A), beeting, 30. i. 1981, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu, Shikoku, Kyushu and Ryukyus; Russia (Far East) and Formosa.

Host: [Uraboshi-ka: Polypodiaceae] Shikechishida: *Athyrium decurrentialatum* Makino leg.; Oohimewarabi: *Athyrium okuboanus* Makino, Itachishida: *Dryopteris variu 0.* Kuntze, Kumawarabi: *Dryopteris lacera 0.* Kuntze**, Inodemodoki: *Polystichum tagawanum* Kurata** (Tsutsui), Yabusotetsu: *Polystichum Fortunei* Nakai**, Jyuumon-jishida: *Polystichum tripteron* Presl, Yamainuwarabi: *Athyrium Vidulii* Nakai**.

Deraeocorinae

8. *Termatophylum hikosanum* Miyamoto, 1965

Jap. name: Hikosan-tengu-mekuragame

Spec. exam.: 1 ex., 5. ix. 1964, K. Takeno leg.; 1 ex., 2 1. v. 1975, K. Takeno leg.; 1 ex. light trap, (A), 23. vii. 1997, K. Takeno leg.; 1 ex. light trap, (A), 31. vii. 1997, K. Takeno leg.

Gen. distr.: Shikoku and Kyushu.

Host: [Toudaigusa-ka: Euphorbiacea] Akamegashiwa: *Mallotus japonicus* Muell. Arg. [Kabanoki-ka: Betulaceae] Inushide: *Curpinus Tschonoskii* Maxim., Akashide: *Curpinus laxiflora* Blume, Kumashide: *Curpinus curpinoides* Makino, Sawashiba: *Curpinus erosa* Blue; Prey: [Azamiuma-ka Thripidae] Azamiuma: *Thrips* spp.

Mirinae

9. *Adelphocoris albonotatus* (Jakovlev, 188 1)

Jap. name: Yotsumon-mekuragame

Spec. exam.: 1 ex., 7. vi. 1937, K. Yasumatsu leg. (through by Yasunaga, 1990).

Gen. distr.: Hokkaido, Honshu, Shikoku, Kyushu and Goto Iss.; Russia (Far East), China, Korea and India.

Host: [Mame-ka: Reguminosae] Yamahagi: *Lespedeza bicolor* Trucz. var. *japonica* Nakai.

10. *Adelphocoris demissus* Horvath, 1905

Jap. name: Usumon-mekuragame

Spec. exam.: 1 ex., 19. viii. 1938, K. Yasumatsu leg.; 1 ex., 8. vii. 1939, K. Yasumatsu leg.; 1 ex., (M-O), 17. ix. 1974, K. Takeno leg.; 1 ex., (A), light trap, 4. vii. 1975, K. Takeno leg.; 1 ex., (0), 10. ix. 1979, K. Takeno leg.

Gen. distr.: Hokkaido, Hosnhu, Shikoku and Kyushu.

Host: [Mame-ka: Reguminosae] Yamahagi: *Lespedeza bicolor* Turcz. var. *juponicu* Nakai.

11. ***Adelphocoris piceosetosus*** Kulik, 1965

Jap. name: Usuka-mekuragame

Spec. exam.: None (through by Yasunaga, 1990).

Gen. distr.: Hokkaido, Honshu, Shikoku and Kyushu; Kuril Iss., Russia (Far East) and Korea.

Host: [Mame-ka: Reguminosae] Yamahagi: *Lespedeza bicolor* Trucz. var. *japonica* Nakai.

12. ***Adelphocoris lineolatus (Goeze, 1778)***

Jap. nae: Ususuji-mekuragame

Spec. exam.: 1 ex., 10. vi. 1937, K. Yasumatsu leg.; 5 exs., 8. vii. 1939, K. Yasumatsu leg.; 3 exs., (G), 22. ix. 1972, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu, Shikoku and Kyushu; China, Korea and Holoarctic Region.

Host: [Mame-ka: Leguminosae] Murasakiumagoyashi: *Medicago sutivu* Linnaeus; [Tade-ka: Polygonaceae] Mizosoba: *Polygonum Thunhergii* Sieb. et Zucc., [Homono-ka: Graineae] Enokorogusa: *Setaria viridis* Beauv.

13. ***Adelphocoris suturalis*** (Jakovlev, 1882)

Jap. name: Nakaguro-mekuragame

Spec. exam.: 1 ex., 6. vi. 1937, K. Yasumatsu leg.; 1 ex., 3. ix. 1937, K. Yasumatsu leg.; 1 ex., 6. v. 1939, K. Yasumatsu leg; 1 ex., 8. vii. 1939, K. Yasumatsu leg.; 2 exs., 27. vi. 1968, K. Kanmiya leg.; 1 ex., (A), light trap, 2. viii. 1975, K. Takeno leg.; 1 ex., (A), light trap, 13. ix. 1975, K. Takeno leg.; 1 ex., (0), 10. ix, 1979, K. Takeno leg.; 1 ex., 1 vi. 1995, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu, Shikoku and Kyushu; Kuril Iss., E. Siberia, Russia (Far East), Sakhalin, China and Korea.

Host: [Kiku-ka: Compositae] Yomogi: *Artemisiu vulgaris* L. var. *indica* Maxim., Mibuyomogi: *Artemisia muritimu* Linnaeus (through Plants of the World), Shunngiku: *Chrysanthemum coronurium* L. var. *sputiosum* Bailey, Mokushunngiku: *Chrysuntheum frutescens* Linnaeus, [Mame-ka: Leguminosae] Azuki: *Phuseolus angularis* Wight, Daizu: *Glycine Max* Merrill, Yamahagi: *Lespedezu bicolor* Trucz. var. *juponicu* Nakai, Tsuruinngenn: (local name), [Kayatsurigusa-ka: Cyperaceae] Kayatsurigusa: *Cyperus microriu* Steud., [Homono-ka: Gramineae spp.] Ine-ka: *Oryza sutivu* Linnaeus.

14. ***Adelphocoris triannulatus*** (Stal, 1858)

Jap. name: Buchihige-kuro-mekuragame

Spec. exam.: 1 ex., 10. vi. 1937, K. Yasumatsu leg.; 2 exs., 6. vii. 1939, K. Yasumatsu leg.; 2 exs., 4. vii. 1950, A. Habu leg.; 1 ex., (A), 2. ix. 1974, K. Takeno leg.; 1 ex., (V), 5. xi. 1975, K. Takeno leg.; 1 ex., (A), 24, vii., 1980, K. Takeno leg.;

1 ex., (A), 4. ix. 1980, K. Takeno leg.; 1 ex., (V), 17. ix. 1980, K. Takeno leg.; 1 ex., (A), 8. v. 1983, K. Takeno leg.; 2 exs., (U), 17. ix. 1983, K. Takeno leg.; 1 ex., (A), 11. x. 1983, K. Takeno leg.; 3 exs., (U), 18. x. 1983, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu, Shikoku, Kyushu and Goto Iss.; Kuril Iss., Russia (Far East), Sakhalin, China and Korea.

Host: [Kiku-ka: Compositae] Yomogi: *Artemisia vulgaris* Linnaeus, [Mame-ka: Leguminosae] Ingenmame: *Dolichos lablab* Linnaeus, Yamahagi: *Lespedeza bicolor* Trucz. var. *japonica* Nakai, Komatsunagi: *Indigofera decora* Lindl., [Yanagi-ka: Salicaceae] Willow: *Salix* spp., [Yuri-ka: Liliaceae] Nira: *Alium odorum* Linnaeus, [Hoono-ka: Gramineae] Ine: *Oriza sativa* Linnaeus, Nezumimugi: *Lolium multiflorum* Lam.(through Plants of the World).

15. ***Arbolygus rubripes*** (Jakovlev, 1876)

Jap. name: Ashiaka-kuro-mekuragame

Spec. exam.: 1 ex., 9. vi. 1937, K. Yasumatsu leg.; 1 ex., 21. viii. 1956, T. Esaki leg.; 1 ex., (A), 28. vii. 1983, K. Takeno leg.

Gen.distr.: Hokkaido, Honshu, Kyushu and Yakushima Is.; Kuril Iss. and Russia (Far East).

Host: [Mame-ka: Leguminosae] Ingenmame: *Dolichos lablab* Linnaeus, Sasage: *Vigna catiang* Endl. var. *sinensis* King, Azuki: *Phaseolus angularis* Wight., Daizu: *Glucine max* Merrill, [Tade-ka: Polygonaceae] Mizosoba: *Polygonum Z'hunbergii* Sieb. et Zucc.**, [Homono-ka: Gramineae] Suzutake: *Pseudosasa purpurascens* Makino, Chishimazasa: local name), Chishimanezasa (local name), [Yanagi-ka: Salicaceae] Yanagi: *Salix* spp.

16. ***Charagochilus gyllenhalii*** (Fallen, 1807)

Jap. name: Hime-sedaka-mekuragame

Spec. exam.: *1 ex.,* (V), 11. x. 1983, K. Takeno leg.; lex., (A), 18. v. 1988, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu, Shikoku and Kyushu; Palaearctic Region.

Host: [Mame-ka: Reguminosae] Yabutsuruazuki: *Phaseolus trilobatus* Schreb**.

17. ***Creontiades eurytus*** Yasunaga, 1988

Jap. name: Nise-oochairo-mekuragame

Spec. exam.: 1 ex., (A), light trap, 2. viii. 1975, K. Takeno leg.

Gen. distr.: Honshu and Kyushu.

Host: Unknown.

18. ***Creontiades pallidifer*** (Walker, 1873)

Jap. name: Aka-hoshi-mekuragame

Spec. exam.: 1 ex., 19. viii. 1938, K. Yasumatsu leg.; 1 ex., 7. vii. 1950, A. Habu leg.

Gen. distr.: Honshu, Shikoku, Kyushu, Tokara Iss. and Bonin Iss.; Formosa, S.-E. Asia and Micronesia.

Host: [Mame-ka: Reguminosae] Daizu: *Glycine Max* Merrill, Yahazusou: *Microlespedeza striata* Makino, Yamahagi: *Lespedeza bicolor* Trucz. var. *japonica* Nakai, [Homono-ka: Graineae] Ine: *Oryza sativa* Linnaeus.

19. ***Creontiades tricolor*** (Scott, 1880)

Jap. name: Oochairo-mekuragame

Spec. exam.: 1 ex., 26. vii. 195 1, A. Habu leg.; 1 ex., 7. ix. 1970, K. Takeno leg.; 1 ex., (A-Z), 13. vi. 1974, K. Takeno leg.; 1 ex., 22. vi. 1974, K. Ohara leg.; 1 ex., 4. vii. 1975, K. Takeno leg.; 1 ex., (D), 11. ix. 1975, K. Takeno leg.; 1 ex., (A), 14. ix. 1975, K. Takeno leg.; 1 ex., (A), 9. v. 1983, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu, Shikoku, Kyushu and Tsushima Is.; Russia (Far East).

Host: [Buna-ka: Fagaceae] Mizunara: *Quercus crispula* Blume, Kunugi: *Quercus acutissima* Carruth, [Yanagi-ka: Salicaceae] Yanagi: *Salix* spp.

20. ***Eolygus rubrolineatus*** (Matsumura, 19 13)

Jap. name: Akasuji-higebuto-mekuragame

Spec. exam.: 2 exs., 9. vi. 1937, K. Yasumatsu leg.; 1 ex., 2. vi. 1939, K. Yasumatsu leg.; 5 exs., 5. vii. 1939, K. Yasumatsu leg.; 1 ex., 29. vii. 1963, S. Kimoto leg.; 1 ex., 13. iv. 1964, S. Kimoto leg.; 1 ex., 15. vi. 1964, S. Kimoto leg.; 1 ex., 4. vii. 1969, M. T. Chûjô leg.; 12 exs., (A), 29. vi. 1974, K. Kanmiya leg.; 13 exs., 12. vii. 1974, K. Takeno leg.; 1 ex., (D-E), 6. x. 1975, K. Takeno leg.; 1 ex., (V), 7. vii. 1976, K. Takeno leg.; 1 ex., (V), 2. v. 1978, K. Takeno leg.; 1 ex., (A), 10. viii. 1978, K. Takeno leg.; 1 ex., (A), 1. vii. 1980, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu, Shikoku and Kyushu; Russia (Far East).

Host: [Kiku-ka: Compositae] Yakushisou: *Lacutuca denticulata* Maxim.**, Onitabirako: *Crepis japonica* Benth.**, Himejoon: *Erigeron annuus* Linnaeus**, Nigana: *Lactuca dentata* Makino, [Karakasabana-ka: Umbelliferae] Mitsuba: *Cryptotaenia canadensis* Dc.**; [Shida-rui: *Eufilicales* spp.].

2 1. ***Eurystylus coelestialium*** (Kirkaldy, 1902)***

Jap. name: Mengata-mekuragame

Spec. exam.: 1 ex., 1. x. 1964, K. Takeno leg.; 2 exs., (X), 9. vi. 1974, K. Takeno leg.; 2 exs., 26. vi. 1974, K. Takeno leg.; 7 exs., (M-O), 17. ix. 1974, K. Takeno leg.; 2 exs., (A), 17. vi. 1976, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu, Shikoku and Kyushu; Kuril Iss., Russia (Far East), China and Korea.

Host: [Hiiragi-ka: Oleaceae] Nezumimochi: *Ligustrumjuponicum* Thunb., [Utsugi-ka: Araliaceae] Taranoki: *Aralia elata* Seem.**, Udo: *Aralia cordata* Thunb., [Mitsubautsugi-ka: Staphyleaceae] Gonzui: *Euscuphis juponicu* Pax.**, [Mame-ka: Leguminosae] Yamahagi: *Lespedeza bicolor* Trucz. var. *juponicu* Nakai, [Yukinoshita-ka: Saxifragaceae] Noriutsugi: *Hydrangea paniculata* Sieb., [Kuwa-ka: Moraceae] Yamaguwa: *Morus bombycis* Koidz. (Ooi).

22. Gigantomiris ***jupiter*** Miyamoto et Yasunaga, 1988

Jap. name: Akasuji-oo-mekuragame

Spec. exam.: 2 exs., 18. vi. 1937, K. Yasumatsu leg.

Gen. distr.: Honshu, Shikoku and Kyushu; Korea and Russia (Coastal area).

Host: [Suikazura-ka: Caprifoliaceae] Suikazura: *Loniceru juponicu* Thunb., [Buna-ka: Fagaceae] Mizunara: *Quercus crispula* Blume, [Kabanoki-ka: Betulaceae] Mizume: *Betula grossa* Sieb. et Zucc., Onigurumi: *Juglans mundshricu* Maxim. var. *Siebldiana* Makino, [Yanagi-ka: Salicaceae] *Salix* spp.

23. Lygocoris ***(Apolygus) hilaris*** (Horvath, 1905)

Jap. name: Futamon-aka-mekuragame

Spec. exam.: 1 ex., 3. ix. 1938, K. Yasumatsu leg.; 1 ex., 27. v. 1938, T. Esaki, K. Nomura & K. Yasumatsu leg.: 1 ex., (A), light trap, 29. v. 1974, K. Ohara leg.; 14 exs., (A), 23. v. 1975, K. Takeno leg.; 2 exs., (A), light trap, 5. vi. 1975, K. Takeno leg.; 1 ex., (A), light trap, 13. vi. 1975, K. Takeno leg.; 2 exs., (A), light trap, 19. vi. 1975, K. Takeno leg.: 2 exs., (A), light trap, 6. viii. 1975, K. Takeno leg.; 1 ex., 13. ix. 1975, K. Takeno leg.; 6 exs., (A), light trap, 14. ix. 1975, K. Takeno leg.; 4 exs., (A), light trap, 24. v. 1978, K. Takeno leg.; 3 exs., 11. ix. 1979, K. Takeno leg.; 1 ex., (A), light trap, 18. ix. 1980, K. Takeno leg.; 1 ex., (A), 30. v. 1984, K. Takeno leg., 1 ex., (A), light trap, 8. vii. 1987, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu, Shikoku and Kyushu; Russia (Far East) and Korea.

Host: [Mame-ka: Leguminosae] Marubahagi: *Lespedezu cyrtobotryu* Miq., [Ibara-ka: Rosaceae] Ushikoroshi: *Pourthiueu villosu* Decne**.

24. ***Lygocoris (Apolygus) lucorum*** (Meyer-Dur, 1843)

Jap. name: Ko-ao-mekuragame

Spec. exam.: 1 ex., 8. vii. 1939, K. Yasumatsu leg.; 1 ex., (A), 14. ix. 1975, K. Takeno leg.; 1 ex., (A), 12. ix. 1978, K. Takeno leg.; 2 exs., (0), 10. ix. 1979, K. Takeno leg.; 2 exs., (V), sweeping in paddy field, 3. x. 1980, K. Takeno leg.; 1 ex., (A), light trap, 8. vii. 1987, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu, Shikoku and Kyushu; Russia (Far East), China, Korea, Europe and N. America.

Host: [Kiku-ka: Compositae] Kiku: *Chrysanthemum morifolium* Ramat. var. *sinensis* Makino, Yomogi: *Artemisia vulgaris* L. var. *indica* Maxim., [Uri-ka: Cucurbitaceae] Suika: *Citrullus vulgaris* L., Kyuuri: *Cucumis sativus* L., [Nasu-ka:] Nasu: *Solanum melongena* L. var. *esculentu Nees*, [Tsubaki-ka: Theaceae] Cha: *Thea sinensis* L., [Budou-ka: Vitaceae] Budou: *Vitis vinifera* L.

25. ***Lygocoris (Apolygus) nigritulus*** (Linnavuori, 1961)

Jap. name: Kuroba-mekuragame

Spec. exam.: 1 ex., (A), light trap, 30. vii. 1968, K. Kanmiya leg.; 1 ex., 1. viii. 1968, K. Takeno leg.; 1 ex., 16. vi. 1969, M. T. Chûjô leg.; 2 exs., 17. v. 1971, K. Takeno leg.; 1 ex., 28. vi. 1971, K. Takeno leg.; 3 exs., (A-D), 24. iv. 1974, K. Takeno leg.; 1 ex., (M-O), 17. ix. 1974, K. Takeno leg.; 1 ex., 26. v. 1974, K. Ohara leg.; 1 ex., (A-M), 27. v. 1975, K. Takeno leg.; 1 ex., (A), 22. vii. 1977, K. Takeno leg.; 3 exs., (D-E), 26. ix. 1977, K. Takeno leg.; 1 ex., (A), light trap, 12. ix. 1978, K. Takeno leg.; 3 ex., (C), 4. x. 1978, K. Takeno leg.; 1 ex., (A), 23. iv. 198 1, K. Takeno leg.; 1 ex., (V), 11. x. 1983, K. Takeno leg.; 1 ex., (F), 4. vi. 1985, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu, Shikoku and Kyushu; China and Korea.

Host: [Kuchibirubana-ka: Labiatae] Akinotaurasou: *Salvia chinensis* Benth.**, [Kaede-ka: Aceraceae] Irohakaede: *Acer palmatum* Thunb.**, [Irakusa-ka: Urticaceae] Koakaso: *Boehmeria spicata* Thunb.

26. ***Lygocoris (Apolygus) pallens*** Yasunaga, 199 1

Jap. name: Koakaso-mekuragame

Spec. exam.: 1 ex., 10. vii. 1939, K. Yasumatsu leg.; 1 ex., 4. vii. 1950, A. Habu leg.; 1 ex., (A), 27. viii. 1973, K. Takeno leg.; 2 exs., (A), light trap, 9. vi. 1987, K. Takeno leg.

Gen. distr.: Honshu, Shikoku and Kyushu.

Host: [Irakusa-ka: Urticaceae] Koakaso: *Boehmeriu spicata* Thunb.

27. Lygocoris (Apolygus) subhilaris Yasunaga, 1992

Jap. name: Nise-futamon-aka-mekuragame

Spec. exam.: 1 ex., 5. viii. 1987 (L.T.), T. Yasunaga leg; 1 ex., 3-4. viii. 1988 (L.T.), T. Yasunaga leg. (through Yasunaga, 1992).

Gen. distr.: Honshu and Kyushu.

Host: Unknown.

28. Lygocoris (Apolygus) subpulchellus Kerzhner, 1987

Jap. name: Tsumaguro-hagi-mekuragame

Spec. exam.: 1 ex., elev. 650m, 6. vi. 1938, K. Yasumatsu leg.; 1 ex., 19. viii. 1938, K. Yasumatsu leg.; 1 ex., 12. vii. 1939, K. Yasumatsu leg.; 2 exs., 28. vii. 1939, K. Yasumatsu leg.; 1 ex., 22. viii. 1948, T. Esaki leg.; 1 ex., 29. vii. 1963, S. Kimoto leg.; 2 exs., 3. ix. 1964, S. Kimoto leg.; 3 exs., 5. ix. 1964, S. Kimoto leg.; 2 exs., 7. ix. 1964, S. Kimoto leg.; 1 ex., 10. ix. 1968, K. Kanmiya leg.; 1 ex., 13. ix. 1969, K. Kanmiya leg.; 1 ex., 27. vii. 1970, K. Takeno leg.; 3 exs., (A), light trap, 11. viii. 1970, M. T. Chûjô leg.; 1 ex., 20. viii. 1970, K. Takeno leg.; 1 ex., 21. viii. 1970, M. T. Chûjô leg.: 5 exs., (A), light trap, 3. ix. 1970, K. Takeno leg.; 4 exs., (A), light trap, 7. ix. 1970, K. Takeno leg.; 16 exs., (A), light trap, 27. viii. 1973, K. Takeno leg.; 1 ex., (A), light trap, 5. vi. 1975, K. Takeno leg.; 7 exs., (A), light trap, 13. vi. 1975, K. Takeno leg.; 15 exs., (A), light trap, 19. vi. 1975, K. Takeno leg.; 3 exs., (A), light trap, 3. vii. 1975, K. Takeno leg.; 1 ex., (A), 7. vii. 1975, K. Takeno leg.; 1 ex., (A), light trap, 25. vii. 1975, K. Takeno leg.; 1 ex., (A), 4. viii. 1975, K. Takeno leg.; 7 exs., (A), light trap, 5. viii. 1975, K. Takeno leg.; 1 ex., (A), 6. viii. 1975, K. Takeno leg.; 23 exs., (A), light trap, 13. ix. 1975, K. Takeno leg.; 17 exs., (A), light trap, 14. ix. 1975, K. Takeno leg.; 1 ex., (A), 1. viii. 1977, K. Takeno leg.; 1 ex., (A), light trap, 29. viii. 1977, K. Takeno leg.; 1 ex., 28. viii. 1978, K. Takeno leg.; 10 exs., (A), light trap, 31. viii. 1978, K. Takeno leg., 11 exs., (A), 12. ix. 1978, K. Takeno leg.; 1 ex., (A), 29. vii. 1979, K. Takeno leg.; 1 ex., (A), 7. viii. 1979, K. Takeno leg.; 1 ex., (A), light trap, 15. ix. 1979, K. Takeno leg.

Gen. distr.: Honshu, Shikoku, Kyushu and Tsushima Is.; Russia (Far East).

Host: [Kiku-ka: Compositae] Himejoon: *Erigeron annuus* Linnaeus, [Mame-ka: Leguminosae] Yamahagi: *Lespedeza bicolor* Trucz. var. *japonica* Nakai, Miyaginohagi: *Lespedeza Thunbergii* Nakai**, [Buna-ka: Fagaceae] Tsuburajii: *Shiia cuspidata* Makino, [Mikan-ka: Rutaceae]. Gen. et sp.

29. ***Lygocoris (Neolygus) honshuensis*** (Linnavuori, 196 1)

Jap. name: Futamon-usuki-mekuragame

Spec. exam.: 1 ex., 29. vii. 1963, S. Kimoto leg.; 1 ex., (A), light trap, 22. vi. 1974, K. Ohara leg.; 1 ex., (A), light trap, 5. vi. 1975, K. Takeno leg.; 1 ex., (A), 19. vi. 1975, K. Takeno leg.; 1 ex., (A), 14. ix. 1975, K. Takeno leg.; ***1 ex.,*** (A), 30. viii. 1983, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu and Kyushu; Kuril Iss. and Sakhalin.

Host: [Hiiragi-ka: Oleaceae] Hashidoi: *Syringa amurensis* Rupr. var. *japonica* Franch. et Sav., [Yukinoshita-ka: Saxifragfaceae] Noriutsugi: *Hydrangea paniculata* Sieb.

30. Lygocoris (Neolygus) kyushuensis Yasunaga, 199 1

Jap. name: Minami-midori-mekuragame

Spec. exam.: 2 exs., (B-C), 25. vi. 1948, K. Yasumatsu leg.; 3 exs., 1. vii. 1950, A. Habu leg.; 10 exs., 6. vi. 1064, S. Kimoto leg.; 1 ex., (A), light trap, 13. vi. 1966, K.

Takeno leg.; 1 ex., (A), light trap, 13. vi. 1975, K. Takeno leg.; 4 exs., (A), light trap, 19. vi. 1975, K. Takeno leg.

Gen. distr.: Kyushu, Yakushima Is., Amami-Oshima Is. and Okinawa Is.

Host: [Buna-ka: Fagaceae] Tsuburajii: *Shiia cuspidata* Makino.

31. ***Lygocoris (Neolygus) obesus*** Yasunaga, 1991

Spec. exam.: 1 ex., ***9.*** vii. 1987 (L.T.), K. Takeno leg.; 1 ex., 18. viii. 1975 (L.T.), K. Takeno leg.; 1 ex., 23. vii. 1977, (L.T.), K. Takeno leg. (through Yasunaga, 1991).

Gen. distr.: Kyushu.

Host: Unknown.

32. ***Lygus saundersi*** Reuter, 1896

Jap. name: Madara-mekuragame

Spec. exam.: 1 ex., 30. v. 1948, K. Yasumatsu leg.: 3 exs., 1. vii. 1950, A. Habu leg.; 10 exs., 6. vi. 1964, S. Kimoto leg.; 1 ex., (A), light trap, 13. vi. 1966, K. Takeno leg.; 1 ex., 12. iv. 1967, K. Takeno leg.; 1 ex., 20. vi. 1969, K. Takeno leg.; 1 ex., (A), light trap, 13. vi. 1975, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu, Shikoku, Kyushu and Tsushima Is.; Kuril Iss., Russia (Far East), Sakhalin, China and Korea.

Host: [Kayatsurigusa-ka: Cyperaceae] Aibasou: *Scirpus cyperinus* Kunth var. *Wichurai* Makino, Kuroaburagaya: *Scirpus orientalis* Ohwi (Ooi), [Homono-ka: Gramineae] Suzu-menoteppou: *Alopeculus aequalis* Sobol., Komugi: *Triticum uestivum* Linnaeus.

33. ***Mermitelocerus annulipes*** Reuter, 1908***

Jap. name: Shima-ao-mekuragame

Spec.exam.: 1 ex., beeting in paddy field, (A), 2. vi. 1981, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu, Shikoku and Kyushu; Kuril Iss., Russia (Far East), Sakhalin and China.

Host: [Kiku-ka: Compositae] Azami spp.: *Çbirsium* sp. (Ooi), [Mame-ka: Leguminosae] Nodafuji: *Wistaria floribunda* DC., Yamafuji: *Wisturiu bruchybotrys* Sieb. et Zucc., [Jyuujibana-ka: Cruciferae] Konronsou: *Dentaria macrophylla* Bunge var. *dasyloba* Makino, Oobadakefuji: (local name); Prey: [Madaraga-ka: Zygaenidae (Ins., Lepidoptera)] Kisujihosomadara: *Artonu gracilis* Walker (nymph).

34. ***Onomaus lautus*** (Uhler, 1896)

Jap. name: Aka-ashi-mekuragame

Spec. exam.: 1 ex., 15. vii. 1943, S. Ito leg.; 2 exs., 29. vii. 1963, S. Kimoto leg.; 5 esx., 7. ix. 1964, K. Takeno leg.; 10 exs., 7. ix. 1964, S. Kimoto leg.; 1 ex., 15. ix.

1964, S. Kimoto leg.; 1 ex., 15. ix. 1964, K. Takeno leg.; 1 ex., 4. viii. 1966, S. Kimoto leg.; 9 exs., 20. vii., 1966, S. Kimoto leg.; 1 ex., 1 1. ix. 1967, S. Kimoto leg.; 4 exs., 24. vii. 1968, K. Takeno leg.; 1 ex., 25. vii. 1968, K. Kanmiya leg.; 1 ex., 8. ix. 1968, K. Kanmiya leg.; 1 ex., 4. vii. 1969, M. T. Chûjô leg.; 1 ex., 11. vii. 1969, K. Kanmiya leg.; 1 ex., 28. vii. 1969, K. Kanmiya leg.; 1 ex., 6. viii. 1969, K. Kanmiya leg.; 1 ex., 4. vii. 1970, M. T. Chûjô leg.; 3 exs., 7. vii. 1971, M. T. Chûjô leg.; 1 ex., (D), 28. viii. 1973, K. Takeno leg.; 1 ex., 3. vii. 1974, K. Takeno leg.; *1 ex.*, (A), 23. vii. 1974, K. Takeno leg.; 1 ex., (A), 17. ix. 1974, K. Takeno leg.; 2 exs., 18. ix. 1974, K. Takeno leg.; 3 exs., (D), 25. viii. 1975, K. Takeno leg.; 5 exs., 2. ix. 1975, K. Takeno leg.; 3 exs., (A), 22. vii. 1977, K. Takeno leg.; 3 exs., (D), 13. ix. 1977, K. Takeno leg.; 3 exs., (D-E), 26. ix. 1977, K. Takeno leg.; 1 ex., (D), 22. ix. 1978, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu, Shikoku and Kyushu.

Host: [Kiku-ka: Compositae] Noazami: *Cirsium juponicum* DC.**, Otakarakou: *Ligularia sibirica* Cadss.**, Yomogi: *Artemisia vulgar-is* L. var. *indica* Maxim.**, [Oobako-ka: Plantaginaceae] Oobako: *Plantago major* L. var. *asiatica* Decne.**, [Kuchibirubana-ka: Labiatae] Akinotamurasou: *Salvia chinensis* Benth.**, [Murasaki-ka: Borraginaceae] Hi-reharisou: *Symphytum officinale* L.**, [Akabana-ka: Oenotheraceae] Mizutamasou: *Circaea quadrisulcata* Franch. et Sav., [Otogirisou-ka: Guttiferae] Kinshibai: *Hypericumpatulum* Thunb.**, [Housenka-ka: Balsaminaceae] Tsurifunesou: *Impatiens Textori* Miq., Housenka: *Ipatiens Balsamina* L.**, [Yukinoshita-ka: Saxifragaceae] Utsugi: *Deutzia crenata* Sieb. et Zucc.**, Chidakesashi: *Astilbe micropylla* Knoll., [Jyuujibana-ka: Cruciferae] Konronsou: *Dentaria macrophylla* Bunge var. *dasyloba* Makino**, [Kitsunenobotan-ka: Ranunculaceae] Umanoashigata: *Ranunkulus acris* L. var. *juponicus* Maxim.**, [Hiyu-ka: Amaranthaceae] Inokozuchi: *Achyrunthes japonica* Nakai**, [Irakusa-ka: Urticaceae] Koakaso: *Boehmeria spicata* Thunb.**, Ramii: *Boehmeria nivea* Gaud. var. *candicans* Wedd.**, Irakusa: *Urtica Thunbergiana* Sieb. et Zucc., [Homono-ka: Gramineae] Ine: *Oliza sativa* Linnaeus.

35. ***Orthops udonis*** (Matsumura, 1917)

Jap. name: Monki-makiba-mekuragame

Spec. exam.: 6 exs., vii. 1939, K. Yasumatsu leg.; 1 ex., 8. vii. 1939, K. Yasumatsu leg.; 4 exs., 4. viii. 1950, A. Habu leg.

Gen. distr.: Hokkaido, Honshu and Kyushu; Kuril Iss., Siberia, Russia (Far East), Sakhalin, Mongolia, China and Korea.

Host.: [Ukogi-ka: Araliaceae] Udo: *Aralia cordata* Thunb., [Karakasabana-ka: Umbelliferae] Miyamashishiudo: *Angelica Matsumurae* Yabe (Ooi).

36. ***Phytocoris ohataensis*** Linnavuori, 1963***

Jap. name: Oo-madara-mekuragame

Spec. exam.: 21 exs.,(A), light trap, 17. vii. 1975, K. Takeno leg.; 4 exs., (A), light trap, 19. viii. 1977, K. Takeno leg.; 2 exs., (A), light trap, 29. viii. 1977, K. Takeno leg.; 1 ex., (A), 10. viii. 1978, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu, Shikoku and Kyushu; Kuril Iss., Russia (Far East) and Sakhalin.

Host: Unknown.

37. ***Stenodema (Brachystira) calcaratum*** (Fallen, 1807)

Jap. name: Mugi-mekuragame

Spec. exam.: 1 ex., 4. vii. 1950, A. Habu leg.

Gen. distr.: Hokkaido, Honshu, Shikoku and Kyushu; Palaearctic Region.

Host: [Homono-ka: Gramineae] Suzumenoteppou: *Alopeculus prutensis* Linnaeus, Ine: *Oryza sativa* Linnaeus, Mugi-rui: *Fusarium* spp.

38. ***Stenodema rubrinerve*** Horvath, 1905

Jap. name: Aka-myaku-mekuragame

Spec. exam.: 1 ex., elev. 650m, 6. vi. 1938, K. Yasumatsu leg.; 1 ex., 19. viii. 1938, K. Yasumatsu leg.; 1 ex., 31. vii. 1948, A. Habu leg.; 1 ex., 21. viii. 1956, H. Kuroko leg.; 1 ex., 4. vi. 1966, S. Kimoto leg.; 1 ex., 20. vii. 1967, K. Takeno leg.; 1 ex., (A), light trap, 27. viii. 1973, K. Takeno leg.; 1 ex., (A), light trap, 28. viii. 1974, K. Takeno leg.; 8 exs., (A), 2. ix. 1974, K. Takeno leg.; 1 ex., (M-O), 17. ix. 1974, K. Takeno leg.; 1 ex., (A-M), 27. v. 1975, K. Takeno leg.; 3 exs., (A), light trap, 6. vi. 1975, K. Takeno leg.; 1 ex., 13. vi. 1975, K. Takeno leg.; 16 exs., (A), light trap, 19. vi. 1975, K. Takeno leg.; 5 exs., (A), 23. vi. 1975, K. Takeno leg.; 1 ex., (A), 13. ix. 1975, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu, Shikoku and Kyushu; Korea.

Host: [Homono-ka: Graineae] Toumorokoshi: *Zea mays* Linnaeus, Kaya: *Miscanthus sinensis* Anadedrss., Todashiba: *Arundinella hirta* Tanaka, Kibi: *Panicum miliaceum* Linnaeus, Hie: *Panicum Crusgalli* L. var. *frumentaceum* Trin., Chikarashiba: *Pennisetum japonicum* Trin., Kanitsurigusa: *Trisetum bifidum* Ohwi, Ashi: *Phragmites communis* Trin., Urahagusa: *Hakonechloa macra* Makino**, Oomugi: *Hordeum vulgare* L. var. *hexastichon* Aschers., Ine: *Oryza sativa* Linnaeus, Nezumigusa: *Lolium multiflorum* Lam. (Plants of the World), Mugi-rui: *Fusarium* spp.

39. ***Tinginotum perlatum*** Linnavuori, 1961***

Jap. name: Kebuka-mekuragame

Spec. exam.: 1 ex., 26. vii. 1951, A. Habu leg.; 12 exs., 30. ix.-1. x. 1992, K. Takeno leg.; 5 exs., (A), light trap, 1. x. 1992, K. Takeno leg.; 1 ex., 15. vi. 1995, K. Takeno leg.

Gen. distr.: Shikoku and Kyushu.

Host: Unknown.

40. ***Taylorilygus pallidulus*** (Blanchard, 1852)

Jap. name: Usumon-midori-mekuragame

Spec. exam.: 1 ex., (A), sweeping, 2. xi. 1979, K. Takeno leg.

Gen. distr.: Honshu, Shikoku, Kyushu, Tsushima Is., Goto Iss., Nansei Iss. and Bonin Iss.; Cosmopolitan.

Host: [Kiku-ka: Compositae] Yomogi: ***Artemisia*** *vulgaris* Linnaeus, Arechinogiku: ***Erigeron*** *linifolium* Willd.

Phylinae

4 1. Hallodapus linnavuori Miyamoto, 1966

Jap. name: Monshiro-chibi-mekuragame

Spec. exam.: 1 ex., 700 m in height, 23-25. viii. 1961, S. Miyamoto (L.T.) (through Miyamoto, 1966).

Gen. distr.: Hokkaido, Shikoku and Kyushu; Kuril Iss.

Host: Unknown.

42. Pilophorus miyamotoi Linnavuori, 1961

Jap. name: Matsu-hyoutan-mekuragame

Spec. exam.: 1 ex., 11. vii. 1964, K. Takeno leg.; 1 ex., 4. ix. 1964, K. Takeno leg.

Gen. distr.: Honshu, Kyushu and Tsushima Is.; Russia (Far East).

Host: [Matsu-ka: Pinaceae] Akamatsu: *Pinus densiflora* Sieb. et Zucc., Kuromatsu: *Pinus* ***Thunbergii*** Parl.

43. Pilophorus niger Poppius, 1914

Jap. name: Ookuro-hyoutan-mekuragame

Spec. exam.: 1 ex., (A), L. T., 14. ix. 1992, K. Takeno leg.; 6 exs., (A), 12. x. 1992, K. Takeno leg.

Gen. distr.: Honshu, Kyushu and Tsushima Is.; Russia (Far East) and Mongolia.

Host.: [Kusunoki-ka: Lauraceae] Shirodamo: *Neolitsea* ***sericae*** (Bl.) Koidz.

44. Pilophorus typicus (Distant, 1909)

Jap. name: Kuro-hyoutan-mekuragame

Spec. exam.: 1 ex., 18. vii. 1968, K. Kanmiya leg.; 1 ex., (0), sweeping, 8. xi. 1978, K. Takeno leg.

Gen. distr.: Honshu, Shikoku, Kyushu and Ryukyu Iss.; China, Hong Kong and S.-E. Asia.

Host: Unknown.

45. ***Pilophorus okamotoi*** Miyamoto et Lee, 1966***

Jap. name: Yomogi-hyoutan-mekuragame

Spec. exam.: Locality name only (through Miyamoto et Lee, 1966).

Gen. distr.: Kyushu and Tsushima Is.; Korea and Chejudo Is.

Host: [Kiku-ka: Compositae] Yomogi: *Artemisia vulgalis* L. var. *indica* Maxim.

VII. NABIDAE

Prostemmatinae

46. Prostemma hilgendorffi Stein, 1878

Jap. name: Ashibuto-makiba-sashigame

Spec. exam.: 1 ex., 20. v. 1970, K. Takeno leg.; 1 ex., 22. v. 1970, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu, Shikoku and Kyushu; Russia (Far East), Chejudo Is. and China.

Prey: Unknown.

47. Nabis (Milu) apicalis (Matsumura, 1913)

Jap. name: Kobane-makiba-sashigame

Spec. exam.: 1 ex., 13. vi. 1943, T. Esaki leg.; 3 exs., 29. v. 195 1, A. Habu leg.; 1 ex., 4th instar, 29. vii. 1963, S. Kimoto leg.; 4 exs., 7. ix. 1964, K. Takeno leg.: 1 ex., 8. ix. 1968, K. Kanmiya leg.; 2 exs., 16. vi. 1969, M. T. Chûjô leg.; 1 ex., 17. v. 1971, M. T. Chûjô leg.; 20. v. 1971, M. T. Chûjô leg.; 3 exs., (E), 11. v. 1972, K. Takeno leg.; 1 ex., (B-C), 25. vi. 1974, K. Takeno leg.; 1 ex., (M-O), 17. ix. 1974, K. Takeno leg.; 1 ex., (A-M), 4. iv. 1978, K. Takeno leg.; 1 ex., (D), 22. ix. 197, K. Takeno leg.; 1 ex., (C), 4. x. 1978, K. Takeno leg.; 1 ex., (A-V), 12. vi. 1979, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu, Shikoku, Kyushu and Tsushima Is.

Prey: Unknown.

48. Nabis stenoferus Hsiao, 1964

Jap. name: Hanenaga-makiba-sashigame

Spec. exam.: 2 exs., 27. x. 1968, K. Kanmiya leg.; 1 ex., 12. xi. 1968, K. Kanmiya leg.; 1 ex., 18. xi. 1968, K. Kanmiya leg.; 4 exs., 12. iv. 1969, K. Kanmiya leg.: 1 ex., 20. vi. 1969, K. Kanmiya leg.; 1 ex., 11. vii. 1969, K. Kanmiya leg.; 1 ex., 25. vii. 1969, K. Kanmiya leg.; 1 ex., (A), light trap, 19. vi. 1975, K. Takeno leg.; 1 ex., (A), light trap, 4. vii. 1975, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu, Shikoku and Kyushu; Russia (Far East).

Prey: Unknown.

VIII. ANTHOCORIDAE

Anthocorinae

49. *Anthocoris miyamotoi* Hiura, 1959
Jap. name: Kimon-kuro-hanakamemushi

Spec. exam.: 1 ex., 20. viii. 1956, S. Miyamoto leg. (through Hiura, 1959).

Gen. distr.: Hokkaido, Honshu, Shikoku, Kyushu and Tokara Iss.; Russia (Far East) and Sakhalin.

Host: [Buna-ka: Fagaceae] Hahaso: *Quercus serrata* Thunb.

50. Elatophilus nipponensis Hiura, 1966
Jap. name: Hirata-hanakamemushi

Spec. exam.: 1 ex., 20. v. 1939, H. Hori leg. (through Hiura, 1966).

Gen. distr.: Honshu and Kyushu.

Prey: Unknown.

Lyctocorinae

5 1. *Lasiochilus (Dilasia) japonicus* Hiura, 1967
Jap. name: Kebuka-hanakamemushi

Spec. exam.: 1 ex., 21. xi. 1939, K. Yasumatsu leg. (through Hiura, 1967).

Gen. distr: Honshu, Shikoku, Kyushu, Tsushima Is. and Tokara Iss.

Prey: Unknown.

52. ***Amphiareus obscuriceps*** (Poppius, 1909)
Jap. name: Yasa-hanakamemushi

Spec. exam.: 3 exs., 15-16. viii. 1958, Y. Miyatake leg. (through Hiura, 1960).

Gen. distr.: Hokkaido, Honshu, Shikoku, Kyushu and Tsushima Is.; Kuril Iss., Russia (Far East), Korea (incl. Chejudo Is.).

Prey: Unknown.

IX. TINGIDAE

Tinginae

53. ***Cochlochila conchata*** (Matsuura, 19 13)
Jap. name: Eguri-gunbai

Spec. exam.: 46 exs., 20. v. 1939, K. Yasumatsu leg.; 14 exs., 2 copula, 19. v. 1943, T. Esaki, M. Tokunaga et S. Ito leg.; 1 ex., 30. v. 1943, K. Yasumatsu leg.; 2 exs., 25. v. 1965, K. Takeno leg.; 2 exs., (O-C), 25. v. 1974, K. Takeno leg.; 16 exs., 2 copula, (V), 2. v. 1978, K. Takeno leg.; 6 exs., (A), 5. vi. 1978, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu and Kyushu; Russia (Far East), China and Korea.

Host: [Kiku-ka: Compositae] Otakarakou: *Ligularia sibirica* Cass., Akitabuki: *Petusites japonicus* subsp. *gigunteus* (Fr. Schum.) Kitam. (Ooi), Fuki: *Petusites juponicum* Miq.

54. ***Copium japonicum*** Esaki, 193 1

Jap. name: Hige-buto-gunbai

Spec. exam.: 1 ex., 10. x. 1963, H. Kuroko leg.; 1 ex., 2 1. vii. 1968, K. Kanmiya leg.; 1 ex., 11. vii. 1969, K. Kanmiya leg.

Gen. distr.: Honshu, Shikoku and Kyushu; Formosa and S. China.

Host: [Kuchibirubana-ka: Labiatae] Inukoujyu: *Mosla punctata* Maxim., Shimobashira: *Keisukeu juponicu* Miq., Nigakusa: *Teucrium juponicum* Houtt.

55. Cysteochila monstrosa (Scott, 1974)

Jap. name: Koakaso-gunbai

Spec. exam.: 3 exs., 29. v. 195 1, A. Habu leg.; 2 exs., 20. vi. 1969, K. Kaniya leg.; 1 ex., 28. vii. 1969, K. Kanmiya leg.; 1 ex., 6. viii. 1969, K. Kanmiya leg.; 1 ex., 20. v. 1971, K. Takeno leg.; 8 exs., (G), 13. ix. 1972, K. Takeno leg.; 1 ex., (G), 22. ix. 1972, K. Takeno leg.; 5 exs., (B-C), 25. vi. 1974, K. Takeno leg.; 4 exs., (A-C-O), 26. vi. 1974, K. Takeno leg.; 1 ex., (A), 13. vii. 1974, K. Takeno leg.

Gen. distr.: Honshu, Shikoku, Kyushu and Tsushia Is.; China, Formosa and India.

Host: [Irakusa-ka: Urticaceae] Koakaso: *Boehmeriu spicata* Thunb., Yabumaou: *Boehmeriu juponicu* Miq.

56. Galeatus affinis (Herrich-Schaeffer, 1835)

Jap. name: Kiku-gunbai

Spec. exam.: 1 ex., 12. v. 1965, S. Kimoto leg.; 1 ex., 7. vii. 1968, K. Kanmiya leg.; 1 ex., 13. xi. 1968, K. Kanmiya leg.; 2 exs., 11. vii. 1969, K. Kanmiya leg.

Gen. distr.: Honshu, Shikoku, Kyushu and Tsushima Is.; Europe, Korea and Formosa.

Host: [Kiku-ka: Compositae] Yomogi: *Artemisiu vulgaris* L. var. *indica* Maxim., Kiku: *Chrysanthemum morifolium* Ramat, var. *sinensis* Makino, Arechinogiku: *Erigeron linifolius* Willd., Yomena-rui: *Aster* spp.

57. Stephanitis fasciicarina Takeya, 1963

Jap. name: Kusu-gunbai

Spec. exam.: 1 ex., 5. vii. 1939, K. Yasumatsu leg.

Gen. distr.: Honshu, Shikoku, Kyushu, Tsushima Is., Goto Iss. and Okinawa Is.

Host: [Kusunoki-ka: Lauraceae] Gekkeijyu: *Laurus nobilis* Linnaeus, Shirodamo: *Litsea glauca* Sieb. et Zucc., Kusunoki: *Cinnamomum cumphora* Sieb., Yabunikkei: *Cinnamomum japonicum* Sieb.

58. ***Stephanitis hikosana*** Drake, 1948

Jap. name: Hikosan-gunbai

Spec. exam.: 3 exs., 21. vi. 1937, N. Takachiho leg.

Gen. distr.: Honshu, Kyushu and Yakushima Is.

Host: [Tsutsuji-ka: Ericaceae] Tsukushishakunage: *Rhododendron Metternichii* Sieb. et Zucc. (Ooi).

59. Stephanitis nasi Esaki et Takeya, 1931

Jap. name: Nashi-gunbai

Spec. exam.: 1 ex., 29. v. 1943, K. Yasumatsu leg.

Gen. distr.: Honshu, Shikoku and Kyushu; Russia (Far East), China and Korea.

Host: [Noibara-ka: Rosaceae] Anzu: *Prunus armeniaca* L. var. *ansu* Maxim., Rooo: *Prunus Persicu* Batsch., Someiyoshino: *Prunus yedoensis* Matsumura, Yamabuki: *Kerria japonica* DC., Sanzashi: *Cretaegus cuneata* Sieb, et Zucc., Boke: *Chaenoeles lagenaria* Koidz., Zumi: *Malus Toringo* Sieb., Kaidou: *Malus micromalus* Makino, Ringo: *Malus pumila* Mill var. *dulcissima* Koidz., Nashi: *Pyrus Simonii* Carr., [Roubai-ka: Calycanthaceae] Roubai: *Meratica praecox* Rehd. et Wils., [Kurumi-ka: Juglandaceae] Onigurumi: *Juglans mandshrica* Maxim. var. *Sieboldiana* Makino**.

60. Stephanitis pyrioides (Scott, 1974)

Jap. name: Tsutsuji-gunbai

Spec. exam.: 6 exs., 7. vii. 1939, K. Yasumatsu leg.

Gen. distr.: Honshu, Shikoku, Kyushu, Sado Is., Tsushima Is., Amakusa Is., Yakushima Is., Amami-Oshima Is. and Ryukyu Iss.; Russia (Far East), Korea, Formosa, S. China, Australia, Europe and N. America.

Host: [Kakinoki-ka: Ebenaceae] Kaki: *Diospyros Kuki* L. fil., [Tsutsuji-ka: Ericaceae] Nejiki: *Pieris elliptica* Nakai**, Tsutsuji-rui: *Rhododendron* spp.

61. ***Stephanitis svensoni*** Drake, 1948

Jap. name: Shikimi-gunbai

Spec. exam.: 27 exs., 17. ix. 1948, S. Miyamoto leg.; 2 exs., 16. vi. 1964, S. Kimoto leg.; 1 ex., 20. vi. 1969, K. Kanmiya leg.; 2 exs., (D), 21. vii. 1978, K. Takeno leg.; 1 ex., (A), 24. i. 1979, K. Takeno leg.

Gen. distr.: Honshu, Shikoku, Kyushu and Yakushima Is.

Host: [Mokuren-ka: Magnoliaceae] Shikimi: *Zllicium religiosum* Sieb. et Zucc.

62. ***Stephanitis takeyai*** Drake et Maa, 1953

Jap. name: Tosaka-gunbai

Spec. exam.: 1 ex., 8. viii. 1938, K. Yasumatsu leg.; 4 exs., 24. ix. 1938, K. Yasumatsu leg.; 1 ex., 2. vi. 1939, K. Yasumatsu leg.; 2 exs., 30. vii. 1939, K. Yasumatsu leg.; 14 exs., 10. vi. 1939, K. Yasumatsu leg.; 2 exs., 30. vii. 1939, K. Yasumatsu leg.; 14 exs., 10. vi. 1945, K. Yasumatsu leg.; 5 exs., 16. vi. 1964, S. Kimoto leg.; 9 exs., 18. vi. 1965, K. Takeno leg.; 10 exs., 23. vi, 1965, K. Takeno leg.; 12 exs., I. ix. 1966, K. Takeno leg.; 9 exs., 13. ix. 1966, K. Takeno leg.; 3 exs., 18. vii. 1967, K. Takeno leg.; 13 exs., 6. vi. 1968, K. Takeno leg.; 2 exs., 17. vii. 1968, K. Takeno leg.; 16 exs., (G), 22. ix. 1972, K. Takeno leg.; 5 exs., (A), 10. vi. 1974, K. Takeno leg.; 1 ex., (A), 26. v. 1972, K. Takeno leg.; 21 exs., (A), 5. vi. 1978, K. Takeno leg.; 3 exs., (A), 10. vii. 1978, K. Takeno leg., 6 exs., (D), 2 1. vii. 1978, K. Takeno leg.

Gen. distr.: Honshu, Shikoku, Kyushu, Yakushima Is. and Amami-Oshima Is.; America.

Host: [Egonoki-ka: Styracaceae] Egonoki: *Styrax juponica* Sieb. et Zucc., [Kakainoki-ka: Ebenaceae] Kaki: *Diospyros Kuki* Linnaeus fil., [Tsutsuji-ka: Ericaceae] Asebi: *Pieris juponica* D. Don, Nejiki: *Pieris elliptica* Nakai, Hotsutsuji: *Tripetuleia paniculata* Sieb. et Zucc., [Tochinoki-ka: Hippocastanaceae] Tochinoki: *Aesculus turbinutu* Blume, [Ibara-ka: Rosaceae] Yamazakura: *Prunus donarium* Sieb. var. *spontanea* Makino, Ushikoroshi: *Pourthiueu villosu* Decne., [Yukinoshita-ka: Saxifragaceae] Iwagarami: *Schizophrugmu hydrungeoides* Sieb. et Zucc., [Kusunoki-ka: Lauraceae] Shiromoji: *Purubenzoin trilobum* Nakai, Aburachan: *Parabenzoin pruecox* Nakai, Kuromoji: *Benzoin umbellatum* Rehd., Ukonbana: *Benzoin obtusilobum 0.* Kuntze., Kusunoki: *Cinnamomum Camphora* Sieb., Kekuromoji: *Linderu sericea* (Sieb. et Zucc.) Blume. (Ooi), Aomoji: *Linderu citriodoru* (Sieb. et Zucc.) Hemsl. (Ooi), Kanakuginoki: *Benzoin erythrocurpus* Rehd., [Mokuren-ka: Magnoliaceae] Shikimi: *Lillicium religiosum* Sieb. et. Zucc.

63. Tingis (Tingis) ampliata (Herrich-Schaeffer, 1839)

Jap. name: Azami-gunbai

Spec. exam.: 1 ex., (at 1000m in altitude), 19. iv. 1938, K. Yasumatsu leg.; 11 exs., 2. vi. 1939, K. Yasuatsu leg., 14 exs., 5. vi. 1939, K. Yasumatsu leg.; 1 ex., 2. viii. 1957, H. Kuroko leg.; 1 ex., 12. v. 1965, K. Takeno leg.; 1 ex., 25. v. 1965, K. Takeno leg.; 1 ex., 16. vi. 1967, K. Takeno leg.; 1 ex., (G), 22. ix. 1972, K. Takeno leg.; 1 ex., 25. v. 1974, K. Takeno leg.

Gen. distr.: Honshu, Shikoku and Kyushu; Formosa and Palaearctic Region.

Host: [Kiku-ka: Compositae] Azami-rui: *Circium* spp., Hireazami-mi: *Cardus* spp.

64. Tingis (Tingis) crispata (Herrich-Schaeffer, 1838)

Jap. name: Yomogi-gunbai

Spec. exam.: 3 exs., 23. viii. 1961, S. Kimoto leg.; 1 ex., 25. iv. 1965, M. Shiga leg.

Gen. distr.: Honshu, Shikoku and Kyushu; China, Korea Formosa and Palaearctic Region.

Host: [Kiku-ka: Compositae] Yomogi: *Artemisia vulgaris* L. var. *indica* Maxim.

65. Uhlerites debilis (Uhler, 1896)

Jap. name: Hime-gunbai

Spec. exam.: Locality name only (through Takeya, 1962).

Gen. distr.: Hokkaido, Honshu, Shikoku and Kyushu; Russia (Far East), China, Korea and Formosa.

Host: [Buna-ka: Fagaceae] Hahaso: *Quercus serruta* Thunb., Ubamegashi: *Quercus phyllirueoides* A. Gray, Kunugi: *Quercus ucutissima* Carruth., Kashiwa: *Quercus dentata* Thunb., Kuri: *Castanea pubinervis* Schneid.

X. REDUVIIDAE

Harpactorinae

66. *Zsyndus obscurus* (Dallas, 1850)

Jap. name: Ootobi-sashigame

Spec. exam.: 2 exs., 6. xi. 1938, K. Yasumatsu leg.; 1 ex., 30. x. 1956, H. Kuroko leg.; 1 ex., 22. viii. 1963, S. Kimoto leg.; 1 nymph, 1. ix. 1964, K. Takeno leg.; 1 ex., 27. x. 1964, K. Takeno leg.; 1 ex., 28. x. 1964, K. Takeno leg.; 1 ex., 6. iv. 1967, K. Takeno leg.; 1 ex., 6. iv. 1967, T. Teshima leg.; 1 ex., 17. ix. 1978, T. Teshima leg.; 1 ex., 10. v. 1970, M. T. Chûjô leg.; 1 ex., 19. iii. 197 1, K. Takeno leg.; 1 ex., 25. x. 197 1, K. Takeno leg.; 1 ex., (A), 2. xi. 197 1, K. Takeno leg.; 1 ex., 3. v. 1972, K. Takeno leg.; 1 ex., (M-P), 17. x. 1974, K. Takeno leg.; 1 ex., (C-O), 7. xi. 1974, K. Takeno leg.; 1 ex., (A), 10. iv. 1975, K. Takeno leg.; 1 ex., (A), 17. iii. 1978 K. Takeno leg.; 1 ex., (A), 21. iv. 1979, K. Takeno leg.; 1 ex., (A), 9. iv. 1980, K. Takeno leg.

Gen. distr.: Honshu, Shikoku and Kyushu; China, Korea, Formosa and Bhutan.

Prey: Miscellaneous small insects.

67. *Cydnocoris russatus* Stal, 1866

Jap. name: Aka-sashigame

Spec. exam.: 1 ex., 20. ix. 1937, K. Yasumatsu leg.; 1 ex., 24. ix. 1938, K. Yasumatsu leg.; 1 ex., 19. v. 1943, T. Esaki et S. Ito leg.; 1 ex., 18. vi. 195 1, A. Habu

leg.; 1 ex., 18. v. 1954, H. Kuroko leg.; 1 ex., 15. ix. 1964, K. Takeno leg.; 1 ex., 24. ix. 1964, K. Takeno leg.; 1 ex., 28. ix. 1964, K. Takeno leg.; 1 ex., 26. x. 1964, K. Takeno leg.; 1 ex., 11. xi. 1964, K. Takeno leg.; 1 ex., 21. v. 1965, K. Takeno leg.; 1 ex., 17. v. 1967, K. Takeno leg.; 1 ex., 17. vii. 1968, K. Takeno leg.; 1 ex., 14. v. 1969, K. Takeno leg.; 1 ex., 3. v. 1971, M. T. Chujo leg.; 1 ex., 22. x. 1971, K. Takeno leg.; 2 exs., (A), 19. vi. 1974, K. Takeno leg.; *1 ex.*, (A), 1. vii. 1975, K. Takeno leg.; 1 ex., 10. v. 1976, K. Takeno leg.; 1 ex., (V), 7. vii. 1976, K. Takeno leg.; 1 ex., (A), 8. vii. 1978, K. Takeno leg.; 1 ex., (A), 2. x. 1979, K. Takeno leg.; 1 ex., (A), sweeping, 2. xi. 1979, K. Takeno leg.; 1 ex., (A), 15. v. 1985, K. Takeno leg.

Gen. distr.: Honshu, Shikoku, Kyushu and Tsushima Is.; China and Formosa.

Prey: Larvae of Lepidoptera Gen. et spp., Tortricidae Gen, et spp. and Coleoptera Gen. et spp.

68. ***Sphedanolestes impressicollis*** (Stal, 1861)

Jap. name: Shima-sashigame

Spec. exam.: 1 *ex.*, (at 650m in altitude), 10. v. 1939, K. Yasumatsu leg.; 1 ex., 25. vi. 1951, A. Habu leg.; 1 ex., 25. vi. 1965, K. Takeno leg.; 1 ex., 13. vii. 1966, T. Teshima leg.; 1 ex., 25. vi. 1967, T. Teshima leg.; 2 exs., (I), 6. vi. 1972, K. Takeno leg.; 1 ex., (N), 14. vi. 1972, K. Takeno leg.; 3 exs., (A), 7. vi. 1975, K. Takeno leg.; 4 exs., (A), 19. vi. 1975, K. Takeno leg.; 1 ex., (A), 20. vi. 1975, K. Takeno leg.; 4 exs., (A), 19. vi. 1975, K. Takeno leg.; 1 ex., (A), 20. vi. 1975, K. Takeno leg.; 1 ex., (A), 13. vii. 1975, K. Takeno leg.; 1 ex., (A-D), 6. viii. 1975, K. Takeno leg.; 1 ex., (D), 6. viii. 1976, K. Takeno leg.; 1 ex., (A), 16. vi. 1979, K. Takeno leg.; 3 exs., (A-V), 12. vi. 1979, K. Takeno leg.; 1 coupla, 13. vi. 1979, K. Takeno leg.

Gen. distr.: Honshu, Shikoku, Kyushu and Tsushima Is.; China.

Prey: [Hamushi-ka: Chrysomelidae] Ruri-hamushi: *Linaeidea aenea* (Linnaeus), Yomogi-hamushi: *Chrysolinu artichalcea* (Mannerheim), Aobane-sat-u-hamushi: *Basilepta fulvipes* (Motschulsky), Higenaga-rurimaru-nomi-hamushi: *Hemipyxis plugioderoides* (Motschulsky), Azami-kaminari-hamushi: *Altica cirsicolu* Ohno, [Tentoumushi-ka: Coccinellidae] Nanahoshi-tentou: *Coccinellu septempunctutu* Linnaeus, miscellaneous Coleoptera Gen. et spp., and miscellaneous larvae of Lepidoptera; Host: [Karakasabana-ka: Umbelliferae] Ninjin: *Daucus Curotu* L. var. *sutivu* DC.

69. ***Velinus nodipes*** (Uhler, 1860)

Jap. name: Yani-sashigame

Spec. exam.: 2 exs., 5. vi. 1939, K. Yasumatsu leg.; 2 exs., (D-E), 7. vi. 1974, K. Takeno leg.; 1 ex., (A), 20. vi. 1974, K. Takeno leg.

Gen. distr.: Honshu, Shikoku and Kyushu; China and Korea.

Prey: [Hamushi-ka: Chrysomelidae] Ruri-hamushi: *Linaeidae aenea* (Linnaeus), and miscellaneous small insects.

Reduviinae

70. *Reduvius humeralis* (Scott, *1874)*

Jap. name: Kubi-aka-sashigame

Spec. exam.: 2 exs., 5. vii. 1939, K. Yasumatsu leg.; 2 exs., 6. vii. 1942, Esaki, Masaki et Ishihara leg.; 1 ex., 11. vi. 1955, H. Kuroko leg.; 1 ex., light trap, 21. vii. 1969, M. T. Chûjô leg.; 1 ex., 29. vii. 1970, T. Teshima leg.; 1 ex., 4. viii. 1970, K. Takeno leg.; 1 ex., 25. vi. 1974, K. Takeno leg.; 1 ex., 26. vi. 1974, K. Takeno leg.; 1 ex., 29. vi. 1974, K. Takeno leg.; 1 ex., (A), light trap, 3. vii. 1975, K. Takeno leg.; 1 ex., (A), light trap, 17. vii. 1975, K. Takeno leg.; 1 ex., 20. vii. 1975, K. Takeno leg.; 1 ex., 28. vi. 1976, K. Takeno leg.; 1 ex., (A), light trap, 2. viii. 1977, K. Takeno leg.; 1 ex., (A), light trap, 12. vii. 1979, K. Takeno leg.

Gen. distr.: Honshu, Shikoku, Kyushu and Ryukyu Iss.

Prey: Miscellaneous larvae of Lepidoptera Gen. et spp.

Stenopodinae

7 1. *Oncocephalus assiilis* Reuter, 1882

Jap. name: Tobiiro-sashigame

Spec. exam.: 1 ex., 1. vii. 195 1, A. Habu leg.; 1 ex., 3. ix. 1964, S. Kimoto leg.; 2 exs., 5. ix. 1964, S. Kimoto leg.; 1 ex., 21. vii. 1968, K. Kanmiya leg.; 1 ex., (A), light trap, 21. vii. 1969, M. T. Chujo leg.; 1 ex., (A), light trap, 2 1. vii. 1974, K. Ohara leg.; 1 ex., (A), 3. vii. 1975, K. Takeno leg; 2 exs., (A), light trap, 13. ix. 1975, K. Takeno leg.; 2 exs., (A), 31. iii. 1979, K. Takeno leg.; 1 ex., (A), 2. v. 1979, K. Takeno leg.

Gen. distr.: Honshu, Shikoku and Kyushu; Philippines.

Prey: Unknown.

72. *Pygolampis bidentata (Goeze, 1778)*

Jap. name: Hoso-sashigame

Spec. exam.: 1 ex., 12. vii. 1939, K. Yasumatsu leg.; 1 ex., 1. vii. 195 1, A. Habu leg.; 1 ex., 28. vii. 195 1, A. Habu leg.; 1 ex., 29. vii. 1956, H. Kuroko leg.; 1 ex., 25. vii. 1964, S. Kimoto leg.; 1 ex., 9. vi. 1970, T. Teshima leg.; 1 ex., (A), 13. vi. 1975, K. Takeno leg.; 2 exs., (A), light trap, 4. vii. 1975, K. Takeno leg.; 1 ex., (A), 20. vii. 1978, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu, Shikoku, Kyushu and Ryukyu Iss.; E. Siberia and Formosa.

Prey: Unknown.

Emesinae

73. *Myiophanes tipulina* Reuter, 188 1

Jap. name: Gomi-ashi-naga-sashigame

Spec. exam.: 1 ex., 26. xi. 1949, A. Habu leg.; 1 ex., 1. viii. 195 1, A. Habu leg.: 1 ex., 18. vi. 1955, H. Kuroko leg.; 1 ex., 30. ix. 1958, H. Kuroko leg.; 1 ex., (A), 26. viii. 1974, K. Ohara leg.

Gen. distr.: Honshu, Shikoku and Kyushu; China, Korea and Australia.

Prey: Unknown.

74. *Schidium marcidum* (Uhler,1896)***

Jap. name: Ashinaga-sashigame

Spec. exam.: 1 ex., 8. vii. 1939, K. Yasumatsu leg.; 1 ex., 10. vii. 1956, H. Kuroko leg.; 1 ex., beating, 27. i. 1978, K. Takeno leg.

Gen. distr.: Honshu, Shikoku, Kyushu and Tsushima Is.; China, Korea, S.-E. Asia and Australia.

Host?: *Filices* spp.

Ectrychodiinae

75. *Ectrychotes andreae* (Thunberg, 1784)

Jap. name: Biroudo-sashigame

Spec. exam.: 1 ex., 3 1. vi. 1971, K. Takeno leg.

Gen. distr.: Honshu, Shikoku, Kyushu, Tsushima Is. and Okinawa Is.; China and Korea.

Prey: Unknown.

76. Haematoloecha delibuta (Distant, 1883)

Jap. name: Kubi-guro-aka-sashigame

Spec. exam.: 1 ex., 24. v. 1937, K. Yasumatsu leg.: 1 ex., 17. vii. 195 1, A. Habu leg.; 1 ex., 5. v. 1965, Y. Kajita leg.; 1 ex., 13. v. 1965, K. Takeno leg.; 1 ex., 16. v. 1967, T. Teshima leg.; I ex., 14. v. 1968, K. Takeno leg.; 1 ex., 12. iii. 1971, M. T. Chujo leg.; 1 ex., 11. v. 1972, K. Takeno leg.; 4 exs., (A), 28. iv. 1976, K. Takeno leg.; 1 ex., (A), 10. v. 1976, K. Takeno leg.; 1 ex., 30. iv. 1979, K. Takeno leg.

Gen. distr.: Honshu, Shikoku and Kyushu.

Host: [Azami-rui: *Musci* spp.]

77. *Haematoloecha nigrorufa* (Stal, 1866)

Jap. name: Akashima-sashigame

Spec. exam.: 1 ex., (D-B), 18. ix. 1974, K. Takeno leg.

Gen. distr.: Honshu, Shikoku, Kyushu, Tsushima Is., Ishigaki Is. and Yonaguni Is.; China and Korea.

Prey: Baikyaku-rui: Diplopoda spp.

78. ***Labidocoris insignis*** Distant, 1883

Jap. name: Kuro-ba-aka-sashigame

Spec. exam.: 1 ex., 13. vi. 1954, H. Kuroko leg.; 1 ex., 27. v. 1970, K. Takeno leg.

Gen. distr.: Honshu, Shikoku and Kyushu.

Prey: Unknown.

79. ***Labidocoris pectoralis*** (Stal, 1863)

Jap. name: Ashi-aka-kuroba-sashigame

Spec. exam.: 1 ex., 21. vii. 1950, A. Habu leg.

Gen. distr.: Honshu and Kyushu; China.

Prey: Unknown.

Peiratinae

80. Peirates turpis Walker, 1873

Jap. name: Kuromonsashigame

Spec. exam.: 1 ex., 18. vii. 1939, K. Yasumatsu leg., 1 ex., 20. vii. 1963, S. Kimoto leg., 1 ex., 29. vii. 1963, S. Kimoto leg.; 1 nymph, 14. ix. 1967, K. Takeno leg.; 1 ex., 20. v. 1968, K. Takeno leg.; 1 nymph, 10. vi. 1969, M. T. Chujo leg.; 1 nymph, 16. v. 1970, T. Teshima leg.; 1 ex., 26. v. 1970, K. Takeno leg.; 1 ex., 2. viii. 1970, M. T. Chujo leg.; 3 exs., 1. vi. 1972, K. Takeno leg.; 1 ex., (N), 5. vi. 1972, K. Takeno leg.; 1 ex., (A), 1. v. 1975, K. Takeno leg.; 1 ex., 5. vi. 1978, K. Takeno leg.; 1 ex., 10. vi. 1980, K. Takeno leg.

Gen. distr.: Honshu, Shikoku, Kyushu, Tsushima Is. and Ryukyu Iss.; China and Korea.

Prey: [Hishibatta-ka: Tetrigidae Gen. et spp.], [Gomimushi-ka: Harpalidae Gen. et spp.].

XI. ARADIDAE

Aradinae

81. ***Aradus orientalis*** Bergroth, 1885

Jap. name: Nokogiri-hirata-kamemushi

Spec. exam.: **11 exs.,** (at 1000m in altitude), 19. iv. 1938, K. Yasumatsu leg.; 3 exs., (at 900m in altitude), 26. iv. 1938, K. Yasumatsu leg.; 9 exs., 27. v. 1938, Esaki,

Nomura et Yasumatsu leg.; 6 exs., 31. v. 1938, Esaki, Nomura et Yasumatsu leg.; 1 ex., 9. vii. 1938, K. Yasumatsu leg.; 1 ex., 16. v. 1957, H. Kuroko leg.; 1 ex., 26. iv. 1958, H. Kuroko leg.; 1 ex., 1. vi. 1958, H. Kuroko leg.; 1 ex., 25. iv. 1965, A. Taketani leg.; 1 ex., 25. iv. 1965, S. Kimoto leg.; 1 ex., 6. viii. 1969, K. Kanmiya leg.; 1 ex., 13. x. 1969, M. T. Chûjô leg.; 2 exs., 25. viii. 1970, M. T. Chûjô leg.; 1 ex., 11. v. 1971, M. T. Chûjô leg.; 1 ex., 17. v. 1971, M. T. Chûjô leg.; 1 ex., 12. iv. 1972, K. Takeno leg.; 1 ex., 24. iv. 1972, K. Takeno leg.; 1 ex., (D), 28. iv. 1972, K. Takeno leg.; 10 exs., 11. v. 1972, K. Takeno leg.; 1 ex., (A), 20. vi. 1974, K. Takeno leg.; 2 exs., 25. vi. 1974, K. Takeno leg.; 1 ex., (A), 23. viii. 1974, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu, Shikoku and Kyushu.

Host: [Hiyu-ka Amaranthaceae] Sennichikou: *Gomphrena globosa* Linnaeus, [Sarunokoshikake-ka: Polyporaceae] Masutake: *Laetiporus sulphureus* (Fr..) Bond. et Sing. var. *miniatus* (Junghu.) Imaz., Kawaratake: *Corilus versicolor* (Fr.) Quel., Shutake: *Polustictus cinnabarinus* (Jacq.) Fr., Kaigaratake: *Lenzites betulia* Fr., [Shimeji-ka: Tricholomataceae] Hiratake: *Pleurotus ostreatus* (Fr.) Quel**, Shiitake: *Lentinus edodes* (Berk.) Sing., Matsutake: *Tricholoma matsutuke (S.* Ito et Imai) Sing.

82. ***Aradus unicolor*** Kiritshenko, 19 13

Jap. name: Matsu-hirata-kamemushi

Spec. exam.: 4 exs., 3. vi. 1939, K. Yasumatsu leg.

Gen. distr.: Honshu, Kyushu and Tsushima Is.; E. Siberia.

Host: [Sarunokoshikake-ka: Polyporaceae] Hitokuchitake: *Cryptoporus volvatus* (Pk.).

Mezirinae

83. ***Mezira taiwanica*** Kormilev, 1957

Jap. name: Kuro-hirata-kamemushi

Spec. exam.: 6 exs., 4. vii. 1969, M. T. Chujo leg.; 1 ex., 3. vii. 1970, K. Takeno leg.

Gen. distr.: Hokkaido, Honshu, Shikoku, Kyushu, Tsushima Is. and Bonin Iss.; China, Korea, Formosa, Micronesia and India.

Host: Unknown.

— to be continued —